User Hints Albrecht Vox-Set

Designation:
Hands-free voice (VOX) operation adapter for mobile CB radios

Connecting requirements
Mobile radio with 6 pin mic socket, wired according to Albrecht Standard
3.5 mm ext. Speaker socket (optional)

How to fit:
Replace original Mic by Vox Set
(insert 6-pin plug into MIC socket of radio)

Selectable speaker functions:
original speaker + earphone both active:
Insert only 6 pin mic plug. Speaker and earphone will both work, under condition that CB radio MIC socket wiring includes speaker ground switching (this is normal with most mobile CB radios).
Please insulate not used 3.5 mm plug with tape or make sure that plug cannot come into contact with metallic parts in the installation.

CB speaker off, only earphone on:
Insert 6 pin plug into Mic socket and 3.5 mm plug into ext. Sp. Socket of the CB radio

Position of CB speaker and mic
If CB speaker is used parallel with earphone, it is important to place the speaker as much away from the mic as possible. Different from cellular radios, where receiving and transmitting is possible simultaneously, a two-way radio like CB must always switch completely between RX and TX. Too loud surrounding noise, as well as radio music and too loud CB receiving may switch on the own transmitter. In that case please increase the distance or decrease the vox sensitivity

Adjustment:
Potentiometers **MIC** for modulation output and **VOX** for switching sensitivity can be found below the detacheable plastic cover. Please adjust first the MIC output to Your transceiver by using the PTT mode and listening with another CB station. Adjust VOX sensitivity with mode switch on Hi, so that TX will switch with normal speaking loudness. Please do not adjust too sensitive!

Mode-Switch PTT-Lo-Hi

PTT:
Without VOX switching, only manual transmitting by using PTT knob

Lo:
Vox switching in noisy surrounding conditions

Hi:
Vox switching with full sensitivity. Can be used with low surrounding noise only.

This Vox-Set meets the minimum requirements of the european RTTE-Direktive (1999/5/EG) und carries the CE mark. It fullfills the european Standards ETS 300 135/433 und ETS 300 680 for a maximum cable length of 3 m between Mic and CB radio.

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